PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev.2-82) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NVI 4677	SERIAL NO. 08/900,414
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT Christopher D. Knight et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROP.
NB	1	3,272,866	09/1966	J. Conner et al.	260	583	
NB	2	3,761,518	09/1973	F. Haglid	260	535 R	
NB	3	3,773,927	11/1973	E. Cummins	424	166	
NB	4	4,175,121	11/1979	N. Mantha	424	94	
NB	5	4,310,690	01/1982	E. Cummins	562	581	
NB	6	4,335,257	01/1982	E. Cummins et al.	562	581	
NB	7	4,388,327	06/1983	E. Cummins	426	2	
NB	8	4,524,077	06/1985	D. Ruest et al.	514	557	
NB	9	5,167,957	12/1992	Webb, Jr., et al.	424	115	
NB	10	5,182,126	01/1993	A. Vinci et al.	426	74	
NB	11	5,250,307	10/1993	K. Cummings et al	426	72	
NB	12	5,391,787	02/1995	A. Vinci et al.	554	156	
NB	13	5,425,963	06/1995	M. Lajoie	426	2	
NB	14	5,456,927	10/1995	A. Vinci et al.	426	74	
NB	15	5,631,031	05/1997	T. Meade	426	2	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		DESCRIPTION
NB	16	I. Belasco "Fate of Carbon 14 Labeled Methionine Hydroxy Analog and Methionine in the Lactating Dairy Cow" Journal of Dairy Science, Vol. 63, No. 5 (1980) pp. 775-784.
NB	17	I. Belasco "Stability of Methionine Hydroxy Analog in Rumen Fluid and Its Conversion in Vitro to Methionine by Calf Liver and Kidney" Journal of Dairy Science, Vol. 55, No. 3 (1972) pp. 353-357.
NB	18	R. Bishop et al. "Effect of Continous Methionine Hydroxy Analog Supplementation on Complete Lactations" Journal of Dairy Science, Vol. 55, No. 5, Abstr. P143 (1972) pp. 711.
NB	19	P. Chandler et al. "Protein and Methionine Hydroxy Analog for Lactating Cows" Journal of Dairy Science, Vol. 59, No. 11, (1976) pp. 1897-1909.

EXAMINER NBhat	DATE CONSIDERED 9/16/98

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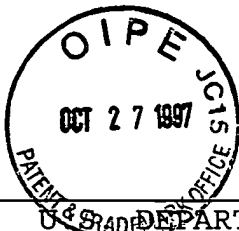| EXAMINER INITIAL		DESCRIPTION
ᘯᘯ฿	20	Feedstuff Staff Editor, "Novus Enters Dairy Market With Liquid HMB" Feedstuffs (7/29/96) p. 7.
ᘯᘯ฿	21	D. Fox et al. "A Net Carbohydrate and Protein System for Evaluating Cattle Diets: III. Cattle Requirements and Diet Adequacy" Journal of Animal Science, Vol. 70 (1992) pp. 3578-3796.
ᘯᘯ฿	22	D. Fox "Using Computer Models In Extension to Develop More Profitable Feeding Systems" Computer Applications in Animal Agriculture Workshop, (6/1992) The National Dairy Database.
ᘯᘯ฿	23	D. Galligan et al. "Dairy Ration Formulation and Evaluation Program for Microcomputers" Journal of Diary Science, Vol. 69, No. 6 (1986) pp. 1656-1664.
ᘯᘯ฿	24	D. Galligan et al. "Dairy Ration Formulation (Linear Programming) Microcomputer Program" Combined Meeting of the American Dairy Science Assoc. and the American Society of Animal Science, Lexington, KY, (7/31-8/4/89) Journal of Dairy Science, Vol. 72, Suppl. 1, Abstr. 1077 (1989) p. 445.
ᘯᘯ฿	25	L. Griel et al. "Milk Production Response to Feeding Methionine Hydroxy Analog to Lactating Dairy Cows" Journal of Dairy Science, Vol. 51, No. 11 (1968) pp. 1866-1868.
ᘯᘯ฿	26	R. Kalter et al. "The Anatomy of an Expert Systems Project" Computer Applications in Animal Agriculture Workshop, (6/1992) The National Dairy Database
ᘯᘯ฿	27	J. O'Connor et al. "A Net Carbohydrate and Protein System for Evaluating Cattle Diets: IV. Predicting Amino Acid Adequacy" Journal of Animal Science, Vol. 71 (1993) pp. 1298-1311.
ᘯᘯ฿	28	J. Patterson et al. "Metabolism of DL-Methionine and Methionine Analogs by Rumen Microorganisms" Journal of Dairy Sci., Vol. 71, No. 12 (1988) pp. 3292-3301.
ᘯᘯ฿	29	C. Polan et al. "Methionine Hydroxy Analog: Varying Levels for Lactating Cows" Journal of Dairy Science, Vol. 53, No. 5, (5/1970) pp. 607-610.

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EXAMINER INITIAL		DESCRIPTION
~WB	30	L. Rode et al. "Economics of Post-Ruminal Amino Acids in High Producing Dairy Cows" 1997 Bioproducts & Novus International Technical Diary Symposium Proceedings, (2/27/97) Phoenix, Arizona, pp. 3-14.
~WB	31	W. Robey et al. "An Alternative Approach to Feeding Rumen Undegradable Methionine to Dairy Cows: Optimizing Milk Production" Feed Management (12/1996).
~WB	32	J. Russell et al. "A Net Carbohydrate and Protein System for Evaluating Cattle Diets: I. Ruminal Fermentation" Journal of Animal Science, Vol. 70 (1992) pp. 3551-3561.
~WB	33	C. Sniffen et al. "A Net Carbohydrate and Protein System for Evaluating Cattle Diets: II. Carbohydrate and Protein Availability" Journal of Animal Science, Vol. 70 (1992) pp. 3562-3577.
~WB	34	"Energy Barrier Breaker - Research Summary 1991 Edition, MEGALAC Rumen Bypass Fat" Church & Dwight Co., Inc., #ML1002-9104 (1991) pp. 1-16.
~WB	35	Brochure "MEGALAC PLUS Rumen Bypass Fat With Methionine Hydroxy Analog For Methionine-Limited Cows" Church & Dwight Co., Inc., #ML1004-9407 (1994).
~WB	36	Brochure "MEGALAC PLUS Fills the Holes in Your Milk Protein Strategy" Church & Dwight Co., Inc. (1996).
~WB	37	Brochure "MEGALAC Rumen Bypass Fat. How to Feed More When Your Cows Can't Eat More" Church & Dwight Co., Inc. #ML1003-9502 (1995).
~WB	38	Demonstration computer report generated by "Net Carbohydrate and Protein System," Center for Animal Health and Productivity, Kennett Square, PA (1995) 3 pages. {Disclosed report is resident within the computer model software as an example demonstrating the computer program's use and capabilities.}

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